

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electro-optical device, comprising:

~~a substrate; a substrate having an image display region and a peripheral region surrounding the image display region;~~

~~a data line;~~

~~a scanning line extending in a direction crossing the data line;~~

~~a first switching element disposed in the image display region, the first switching element being applied with to which a scanning signal is applied by the scanning line; and line, the first switching element including a semiconductor layer having a source, a drain, and a channel;~~

~~a pixel electrode formed within the image display region, the pixel electrode being applied with to which an image signal is applied, signal, by the data line, via the first switching element, element;~~

~~a first light shielding film formed in the image display region between the substrate and the first switching element, the first light shielding layer being in complete overlap with the source, the drain, and the channel of the first switching element in plan view;~~

~~the substrate having an image display region defined as a region to form the pixel electrode and the first switching element, and a peripheral region to define the surrounding area of the image display region;~~

~~the peripheral region has a second switching element to determine whether the image signal will be applied to the data line, line, the second switching element being located in the peripheral region, the second switching element including a semiconductor layer having~~

a source region, a drain region, and a channel region, the channel region being located between the source region and the drain region;
an interlayer insulating film; and
a second light shielding film which is formed in the peripheral region on an opposite side of the interlayer insulating film from with the second switching element and with the interlayer insulating film therebetween, and — the second light shielding film overlaps at least a portion overlapping the source region, the drain region, and a portion of the channel region of the second switching element in plan view, the second light shielding film being divided into separate sections with the channel region of the second switching element as a boundary between the separate sections.

2. (Currently Amended) An electro-optical device, comprising:
 - a substrate; substrate having an image display region and a peripheral region surrounding the image display region;
 - a data line;
 - a scanning line extending in a direction crossing the data line;
 - a first switching element to which disposed in the image display region, the first switching element being applied with a scanning signal is applied by the scanning line; and line, the first switching element including a semiconductor layer having a source, a drain, and a channel;
 - a pixel electrode to which formed within the image display region, the pixel electrode being applied with an image signal is applied, signal, by the data line, via the first switching element, element;
 - a first light shielding film formed in the image display region between the substrate and the first switching element, the first light shielding layer being in complete overlap with the source, the drain, and the channel of the first switching element in plan view;

wherein the substrate has an image display region defined as a region for forming the pixel electrode and the first switching element, and a peripheral region for defining the surrounding area of the image display region;

the peripheral region has a second switching element for determining whether the scanning signal will be applied to the scanning line, and a light shielding film which is formed with the second switching element being located in the peripheral region, the second switching element including a semiconductor layer having a source region, a drain region, and a channel region, the channel region being located between the source region and the drain region;

an interlayer insulating film therebetween, film; and
the a second light shielding film overlaps at least a portion formed in the peripheral region on an opposite side of the interlayer insulating film from the second switching element with the interlayer insulating film therebetween, the second light shielding film overlapping the source region, the drain region, and a portion of the channel region of the second switching element in plan view, the second light shielding film being divided into separate sections with the channel region of the second switching element as a boundary between the separate sections.

3. (Currently Amended) The electro-optical device according to Claim 1,
the second switching element having a laminated structure of a semiconductor layer, an insulating film, and an electrode film, and
the second light shielding film overlapping at least a portion of the electrode film in plan view.

4. (Currently Amended) The electro-optical device according to Claim 3,
the semiconductor layer having a channel region, and a source region and a drain region with the channel region therebetween,

the electrode film being formed in a portion corresponding to the channel region, and region.

~~the light shielding film being formed in portions corresponding to the source region and the drain region but is not formed in a portion corresponding to the channel region.~~

5. (Currently Amended) The electro-optical device according to Claim 3, the sections of the second light shielding film and the electrode film being rectangular in plan view, and

each section of the second light shielding film overlapping the electrode film in the long side of a rectangle in plan view.

6. (Original) The electro-optical device according to Claim 1, the second switching element being formed at the same time as the forming of the first switching element of the electro-optical device.

7. (Canceled)

8. (Currently Amended) The electro-optical device according to Claim 1, the second light shielding film being made of light shielding material.

9. (Currently Amended) The electro-optical device according to Claim 1, further comprising:

~~a pixel division light shielding film which is the first light shielding film being formed to correspond to the data line and the scanning line in the image display region, and the second light shielding film being formed at the same time as the forming of the pixel division first light shielding film in the manufacturing step of the electro-optical device film.~~

10. (Original) The electro-optical device according to Claim 1, the distance between the light shielding film and the second switching element being 3000 [nm] or less.

11. (Original) An electronic apparatus, comprising:
the electro-optical device according to Claim 1.